

Abstract of the Disclosure:

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A method of sending feedback information in a fast physical layer hybrid automatic repeat request (HARQ) for frequency division duplex communications that form an overall wireless communication system is described in which the received packets are acknowledged by transmitting feedback data to the sender, wherein the acknowledgement comprises the reservation of obtaining a plurality of slots in the uplink/downlink dedicated channel radio frame for the feedback data alone. It is also directed to the transmission of feedback data used in specified slots within each radio frame, wherein the first slot used is based upon the time offset between uplink and downlink channels, as well as based upon the time required for de-interleaving, de-ratematching, decoding and error checking. In an alternative embodiment, the method uses dedicated physical control channel (DPCCH) bits in at least some of the slots for transmitting such feedback data to the sender.

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